



Anti-PRPSAP1 (full length) polyclonal antibody (DPAB-DC2513)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	PRPSAP1 (phosphoribosyl pyrophosphate synthetase-associated protein 1) is a protein-coding gene. Diseases associated with PRPSAP1 include mitral valve stenosis, and hyperuricemia. GO annotations related to this gene include enzyme inhibitor activity and magnesium ion binding. An important paralog of this gene is PRPS1.
Immunogen	PRPSAP1 (AAH09012, 1 a.a. ~ 356 a.a) full-length recombinant protein with GST tag. The sequence is MNAARTGYRVFSANSTAACTELAKRITERLGAELGKSVVYQETNGETRVEIKESVRGQDI FIIQTIPRDVNTAVMELLIMAYALKTACARNIIGVIPYFPYSKQSKMRKRSIVCKLLAS MLAKAGLTHIITMDLHQKEIQGFFSFPVDNLRASPFLQYIQEEIPNYRNAVIVAKSPDA AKRAQSYAERLRLGLAVIHGEAQCTELDMDDGRHSPPMVKMATVHPGLELPLMMAKEKPP ITVVGDVGGRIAIVDDIIDDVESFVAAAEILKERGAYKIYVMATHGILSAEAPRLIEES SVDEVVVTNTVPHEVQKLQCPKIKTVDISLILSEAIRRIHNGESMAYLFRNITVDD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PRPSAP1 phosphoribosyl pyrophosphate synthetase-associated protein 1 [Homo sapiens (human)]
Official Symbol	PRPSAP1
Synonyms	PRPSAP1; phosphoribosyl pyrophosphate synthetase-associated protein 1; PAP39; phosphoribosyl pyrophosphate synthase-associated protein 1; PRPP synthase-associated protein 1; 39 kDa phosphoribosypyrophosphate synthase-associated protein;
Entrez Gene ID	5635
Protein Refseq	NP_002757
UniProt ID	Q14558
Chromosome Location	17q24-q25
Function	enzyme inhibitor activity; kinase binding; magnesium ion binding; ribose phosphate diphosphokinase activity